

25X1A7b

Chief, [REDACTED]

7 August 1959

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Chief, [REDACTED]

25X1A7b Antenna System Modification

REF : a. [REDACTED]

b. [REDACTED]

1. We concur in your decision not to proceed with tests on rhombic antenna R8 arranged for simultaneous unidirectional reception from both ends. Our experience with various types of terminating resistors give strong indication that termination in a coupling transformer would probably result in standing waves on the antenna and undesirable bidirectional reception from both ends.

2. There has been no change in the authorization granted in reference a to double-end Beverage antennas B3 and B5. The additional coverage of African stations which this change will afford, especially on the medium wave band, makes it desirable. In order to benefit fully from the additional tropical band coverage which may result, the bandwidth of all components in the system should be such as to cause a minimum attenuation of frequencies in this band.

25X1A9a

[REDACTED]

GH/jep

Distribution:

Orig & 1 - Addressee
1 - WMK
1 - Chrono
1 - Exec

X